



ISO 15883-3

Washer-disinfectors —

Part 3:
**Requirements and tests for washer-
disinfectors employing thermal
disinfection for human waste
containers**

Laveurs désinfecteurs —

*Partie 3: Exigences et essais pour laveurs désinfecteurs destinés à
la désinfection thermique de récipients pour déjections humaines*

**Second edition
2024-11**

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This second edition cancels and replaces the first edition (ISO 15883-3:2006), which has been technically revised.

The main changes are as follows:

- revision of cross-references to clauses in ISO 15883-1:2024 and ISO 15883-5:2021;
- alignment of terms and definitions with ISO 11139:2018+Amd 1:2024;
- addition of [4.1.2](#) listing exemptions from the requirements of ISO 15883-5:2024;
- alignment of text in clauses on cleaning and disinfecting with revised clauses of ISO 15883-2;
- addition of rinsing from former 4.6 to [4.4](#) and [4.5](#);
- addition of [4.7](#);
- revision of references in the Bibliography.

A list of all parts in the ISO 15883 series can be found on the ISO website.

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This document is the third part in the ISO 15883 series of standards specifying the performance of washer-disinfectors (WD) and the general requirements for performance applicable to WD for human waste containers. The requirements given in this document apply to WD used for emptying, flushing, washing, and thermally disinfecting human waste containers intended for reuse such as:

- portable sanitary pans;
- supports for single-use bedpans;
- hospital bowls for containment of human waste;
- urine collection containers;
- suction bottles;
- products similar to the above and used for similar purposes.

Fields of application within the scope of the ISO 15883 series of standards can include laboratory, veterinary, dental and pharmaceutical applications, and other specific applications, such as WD for bedsteads and transport carts and the disinfection of crockery and cutlery intended for use with immunologically compromised patients.

Requirements for WD for other applications are specified in other parts of the ISO 15883 series of standards.

In order to reduce the risk of spillage and the generation of aerosols, most machines incorporate means to empty human waste containers automatically, e.g. by the action of closing the WD door.

Where equipment does not provide automatic emptying facilities, extra care is needed by the user to avoid exposure to human waste and contamination of the work environment including the generation of aerosols.

The reliability of a human waste container WD can be adversely affected if the machine is connected to a poorly designed or constructed drainage system. The purchaser is therefore recommended to ensure that the drainage system complies with the manufacturer's recommendations in all respects.

Safety requirements for WD are given in IEC 61010-2-040.

NOTE Local or national regulations can apply in respect of the potential adverse effects on the quality of water intended for human consumption or environmental impacts caused by the WD and its intended use.